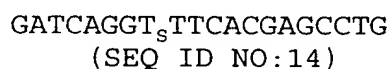
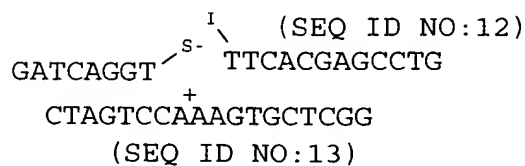
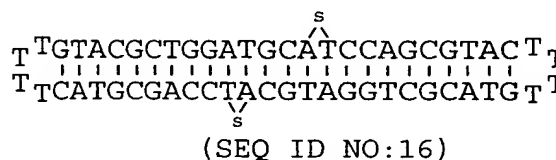
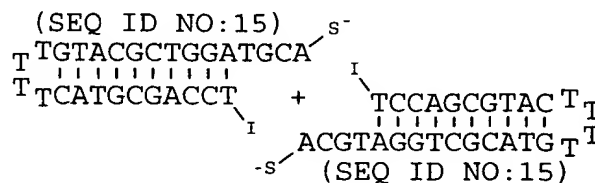




ligation of ssDNA



ligation of duplex DNA



one pot ligation / cyclization of ssDNA

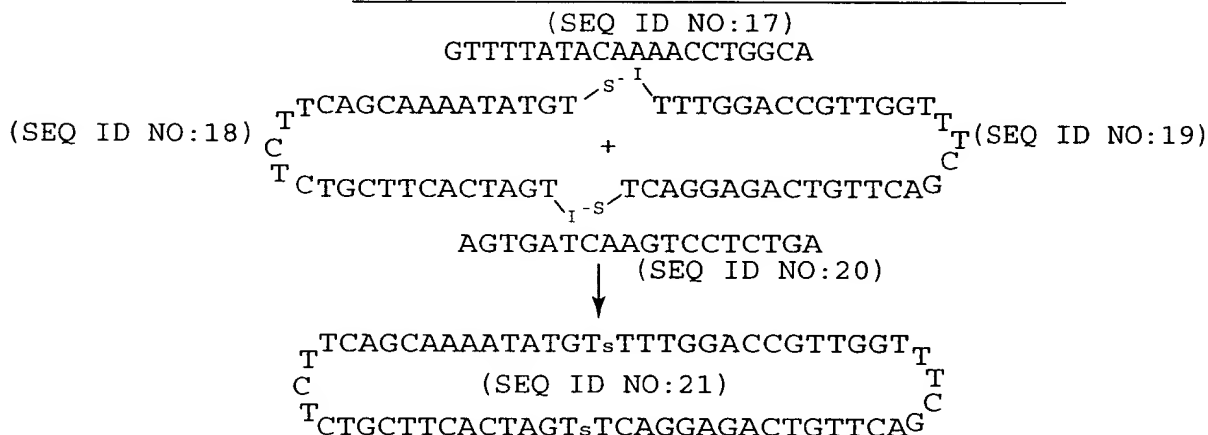


Fig. 4a

<u>rxn.type</u>	<u>conversion</u>	<u>isolated yield</u>
ssDNA ligation	>90%	44%
duplex ligation	75%	36%
ligation/cyclization	>90% (1st step) 50% (2nd step)	20%

Fig. 4b